

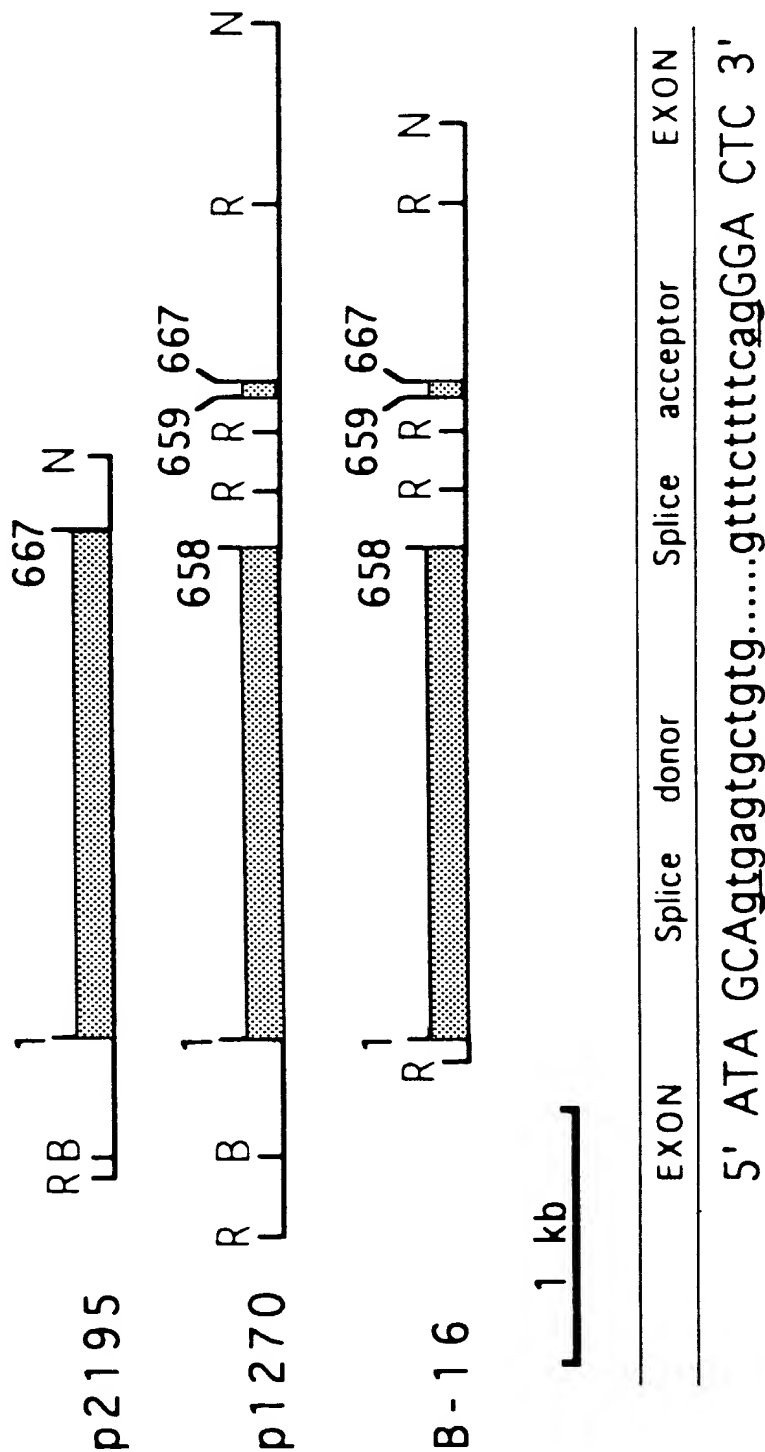
FIGURE 1A 1 MAPFR[C]QK[C]G 40
41 KAFVSKYKLM 80
81 LQTH[DPN]KIS 120
121 T[C]GV[C]TLELG 160
161 [C]DRCFYTRKD 200
201 R[H]TKKT[H]SQE 240
241 MPPFQLGAAP 280
281 EPLEPLEPLE 320
321 PLEPLEPLEP 360
361 MLPMPQMLPM 400
401 IILQEKKYNP 440
441 LQEPQAPLKF 480
481 ASLEISSLLG 520
521 TCLAQQQPPP 560
561 QIQPQMQLPQ 600
601 PEPEPEPEPE 640
641 EEEEEEAEEP 667

PFK[C]SKAE[C]G
FNRKDHLKN[H]
AL[H]SASNGDL
PREKKYQ[C]DH
QRFGRKDHLT
STSFQIKVDP
EEAPQPMPPPL
EPMQPLEPMQ
PMQPMQPMQP
PGVVPTSPPP
CNVGFFEEFP
LVDAVNIAIP
GPGEPLPHRI
QPQMPPQFQL
PEPEPEPEPE
GAPEAQAE
VYKKWTV

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FIGURE 1B





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FIGURE 1C

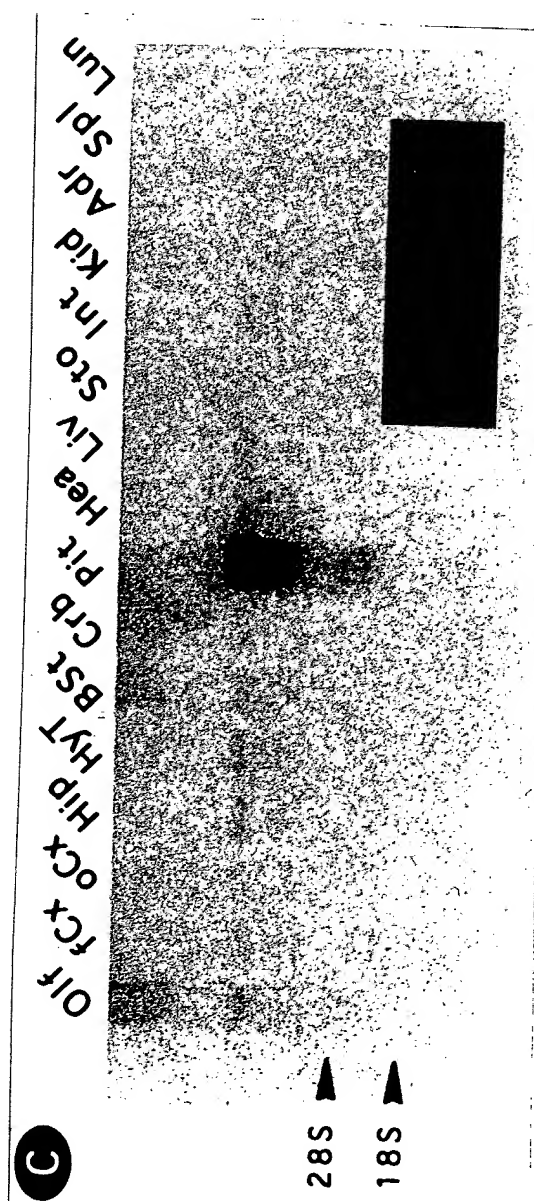


FIGURE 2A

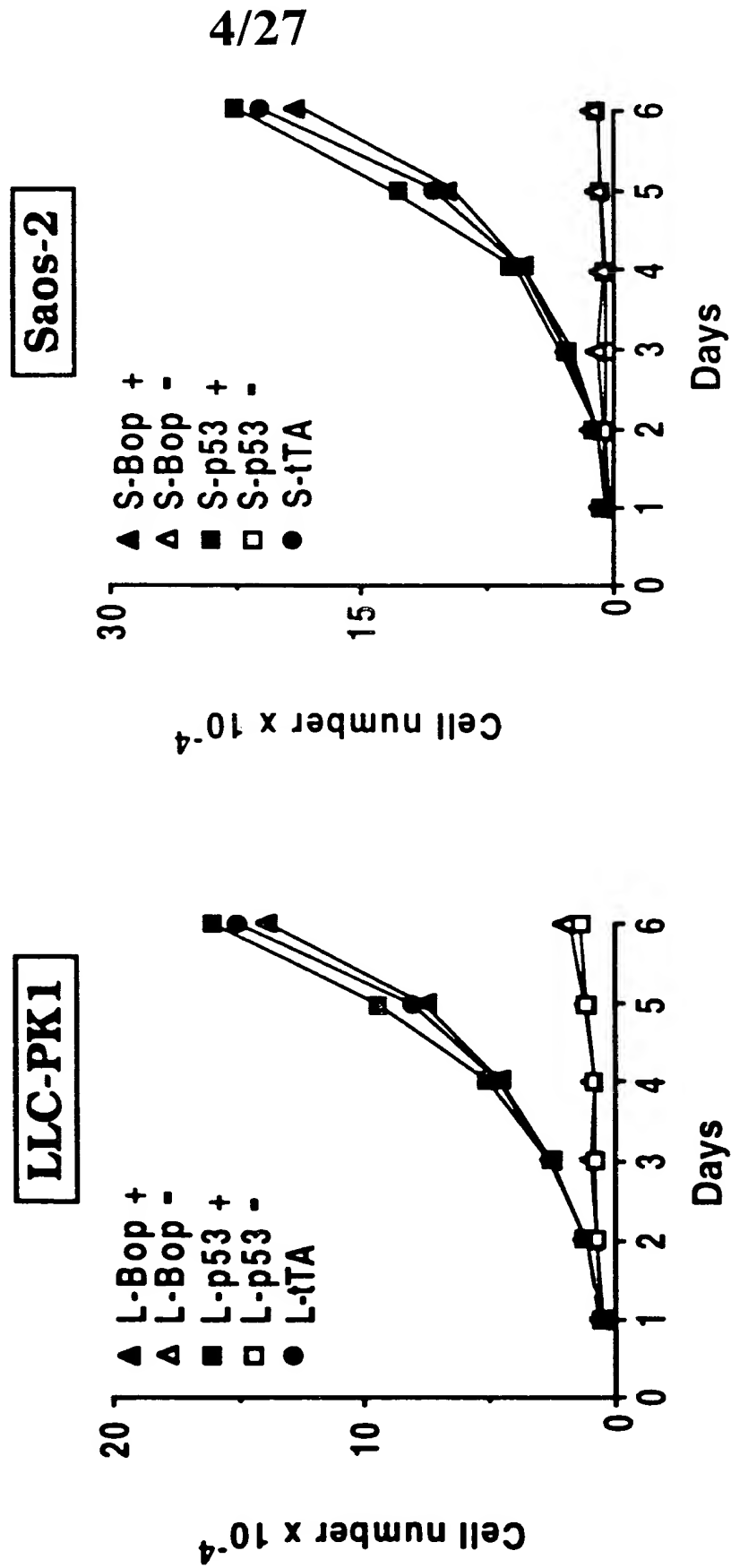


FIGURE 2B

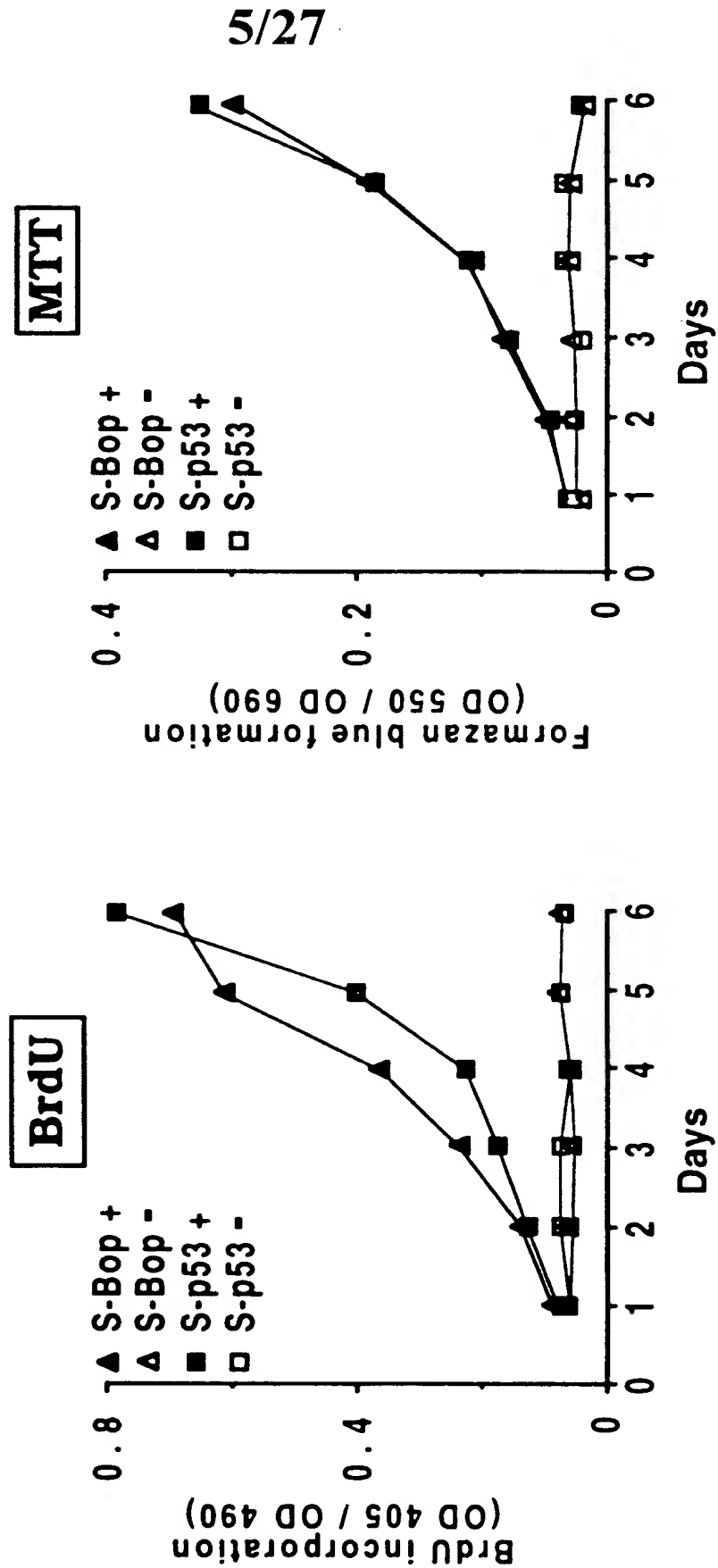


FIGURE 2C

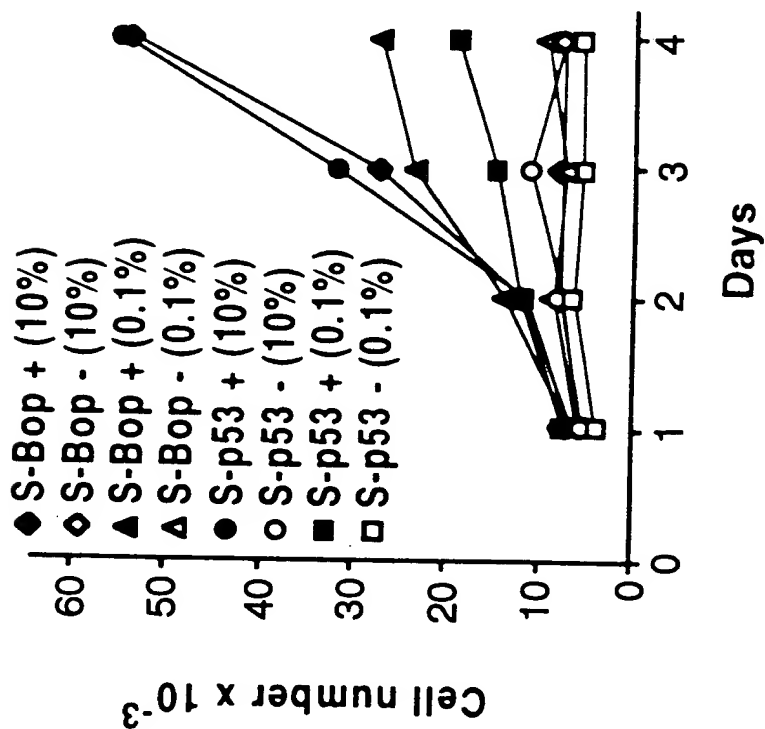
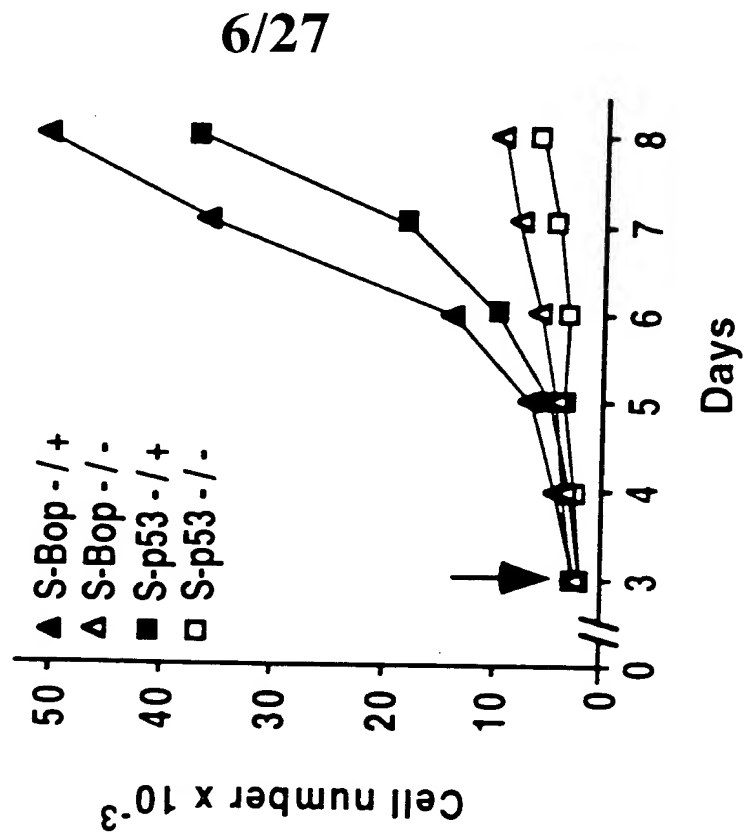
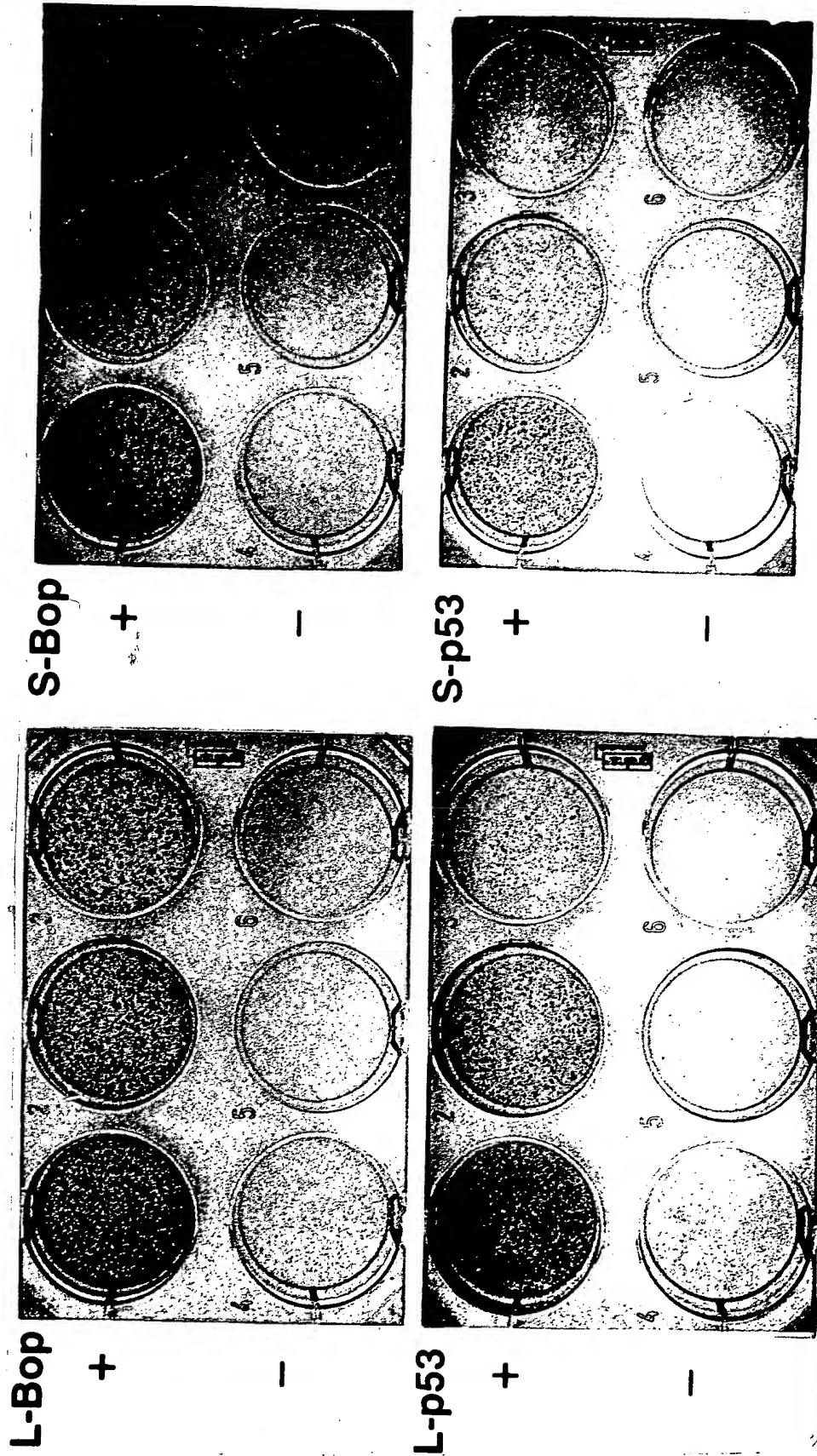


FIGURE 2D



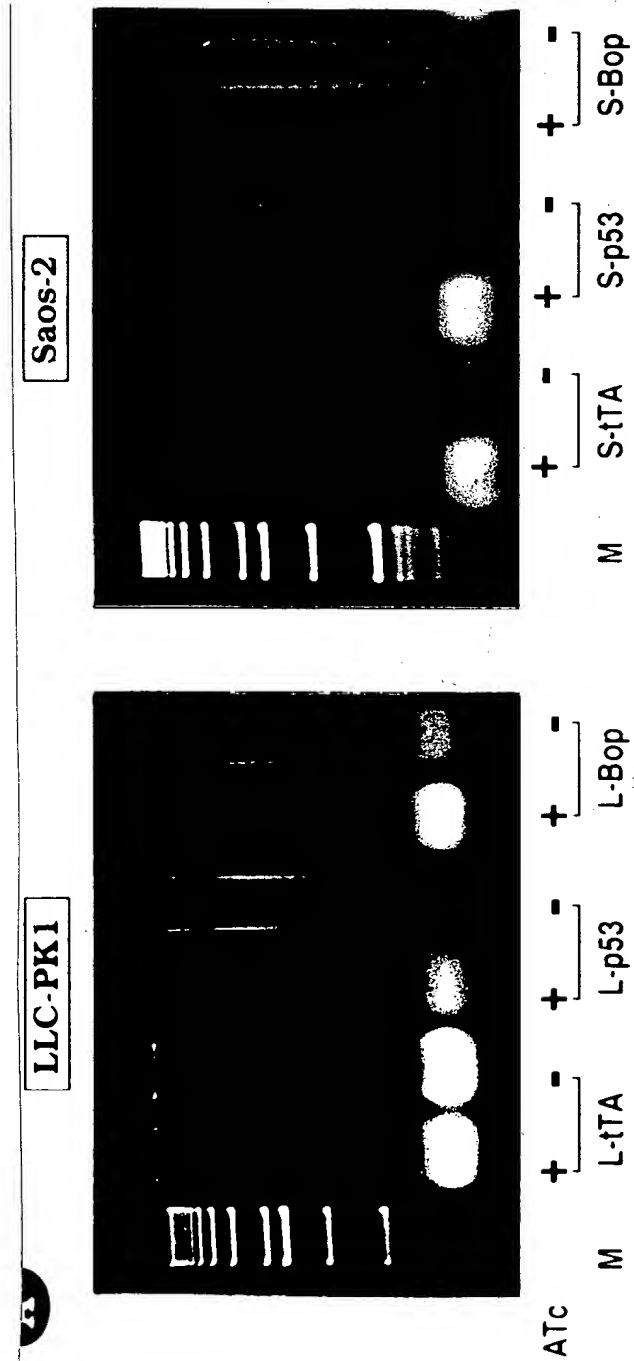
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FIGURE 3



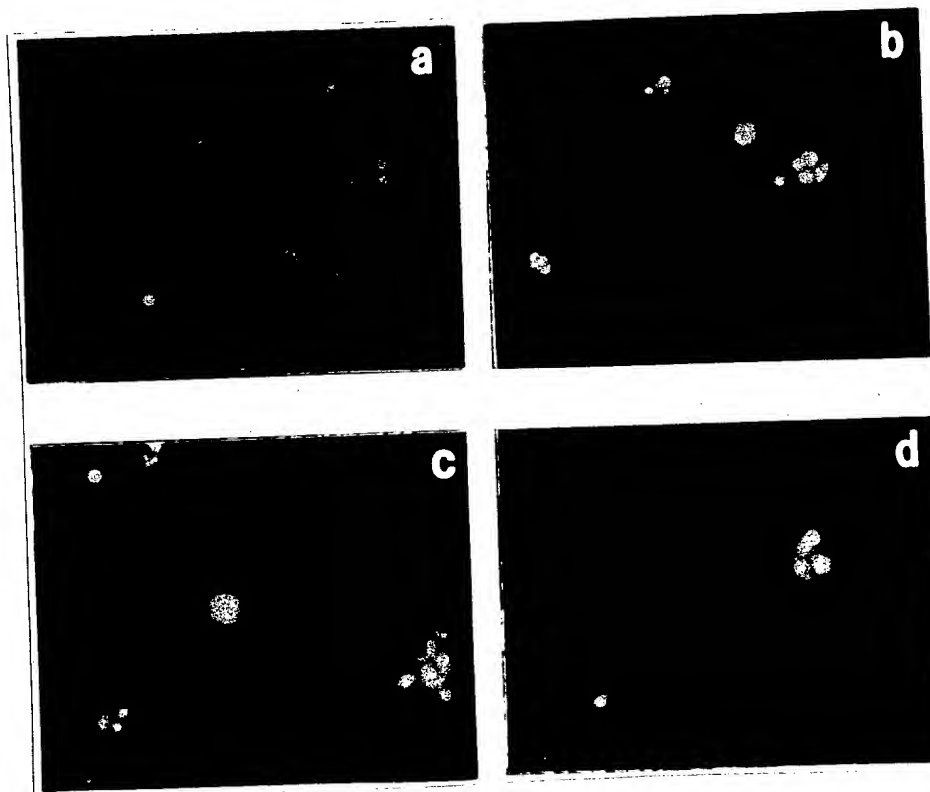
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FIGURE 4A



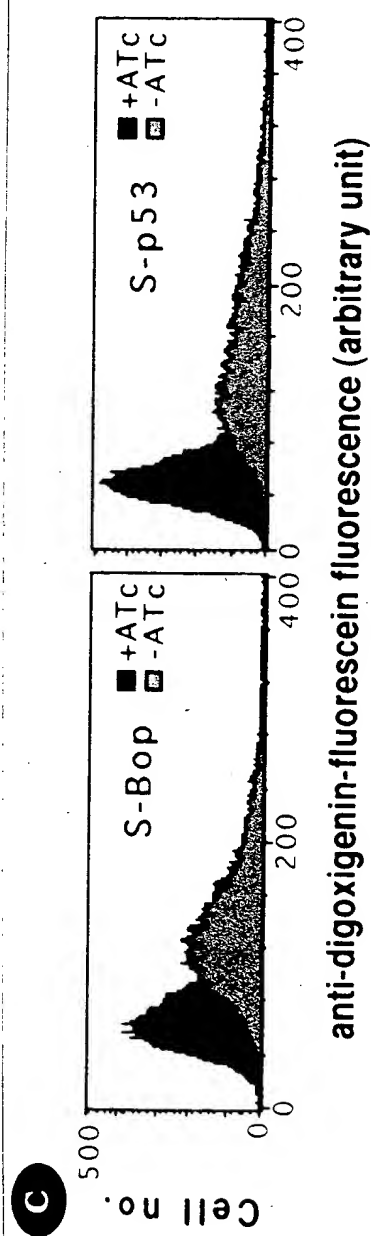
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FIGURE 4B



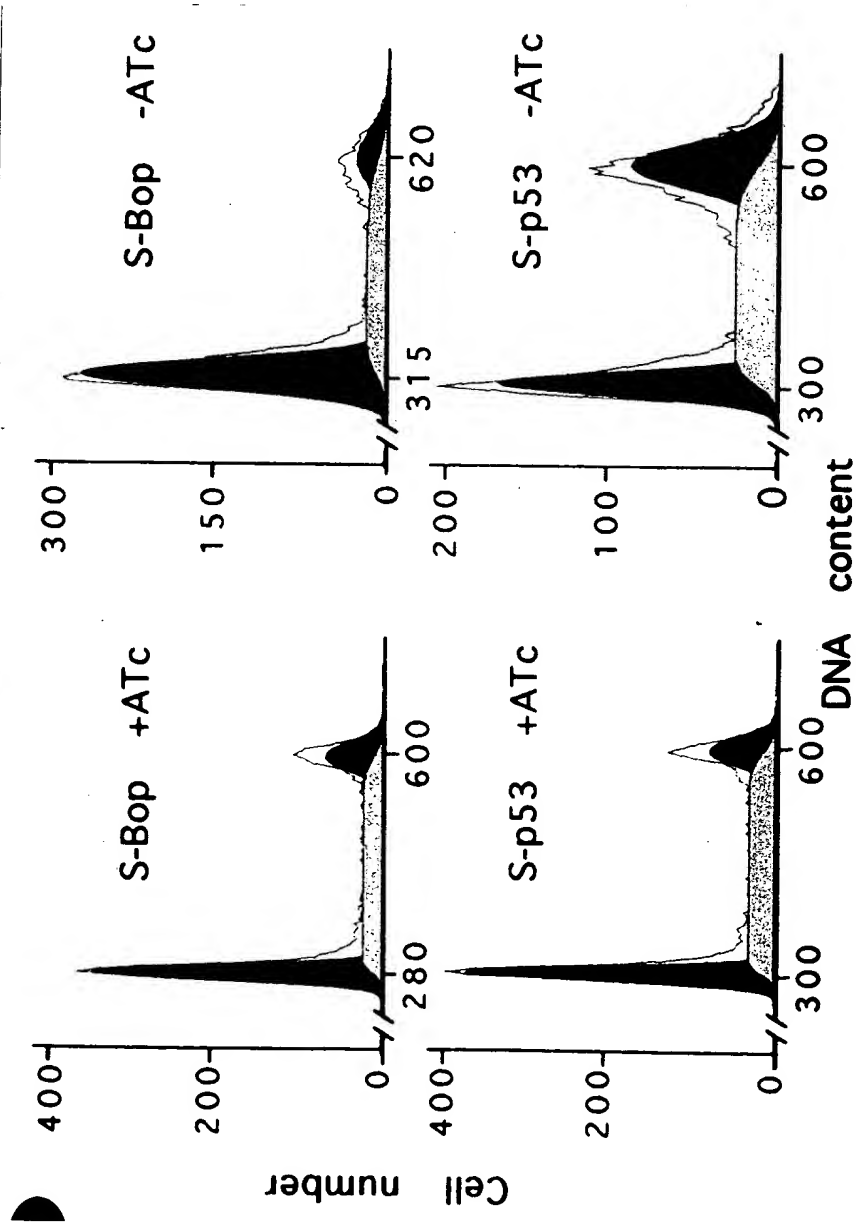
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FIGURE 4C



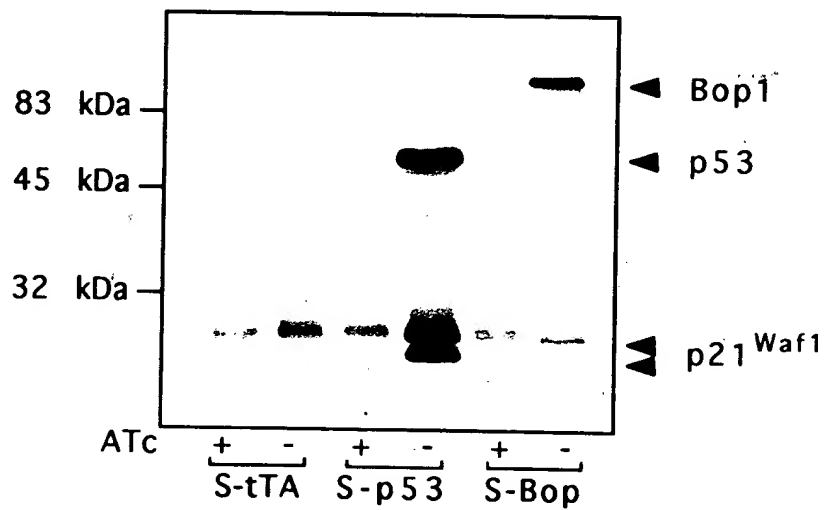
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FIGURE 5A



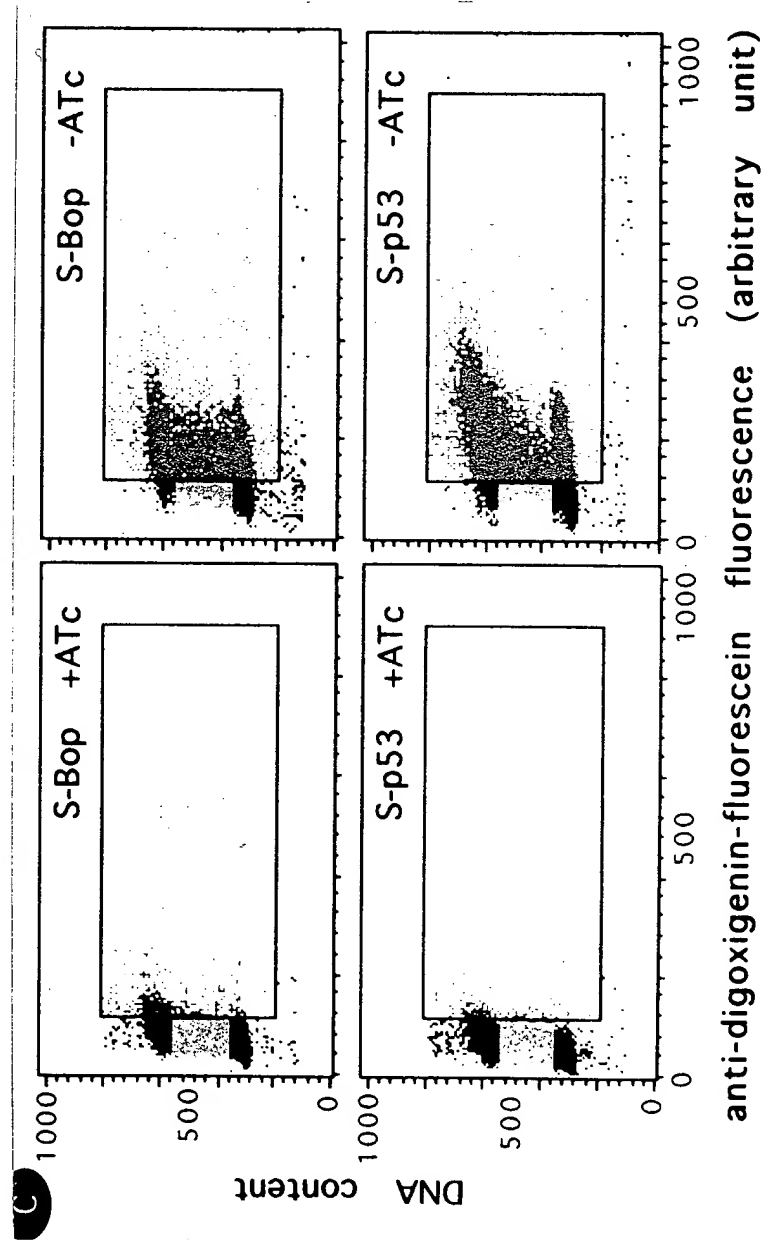
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FIGURE 5B



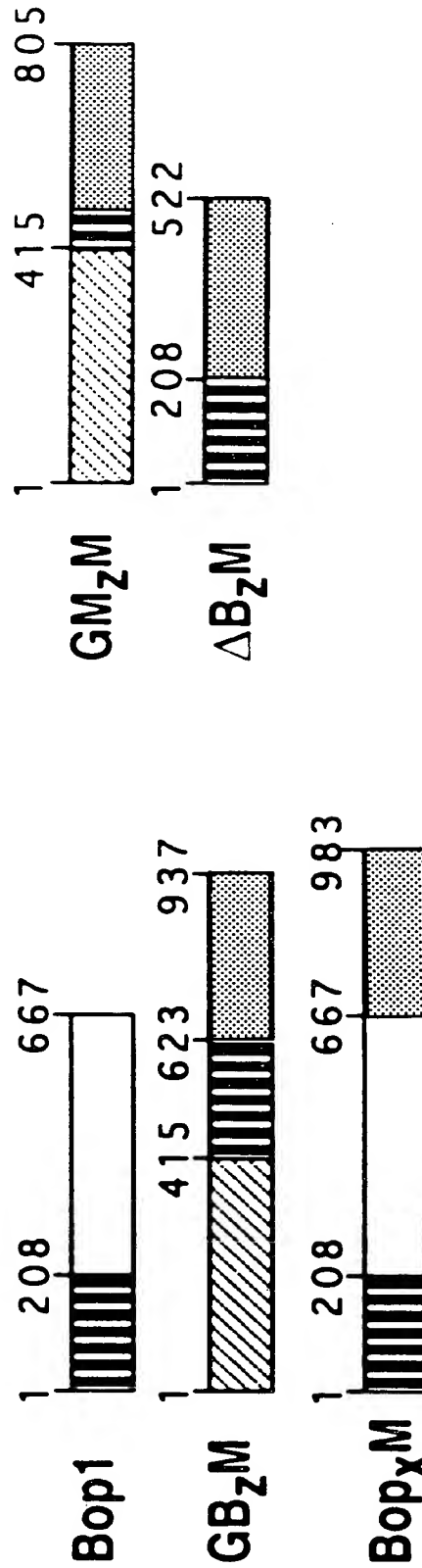
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FIGURE 5C



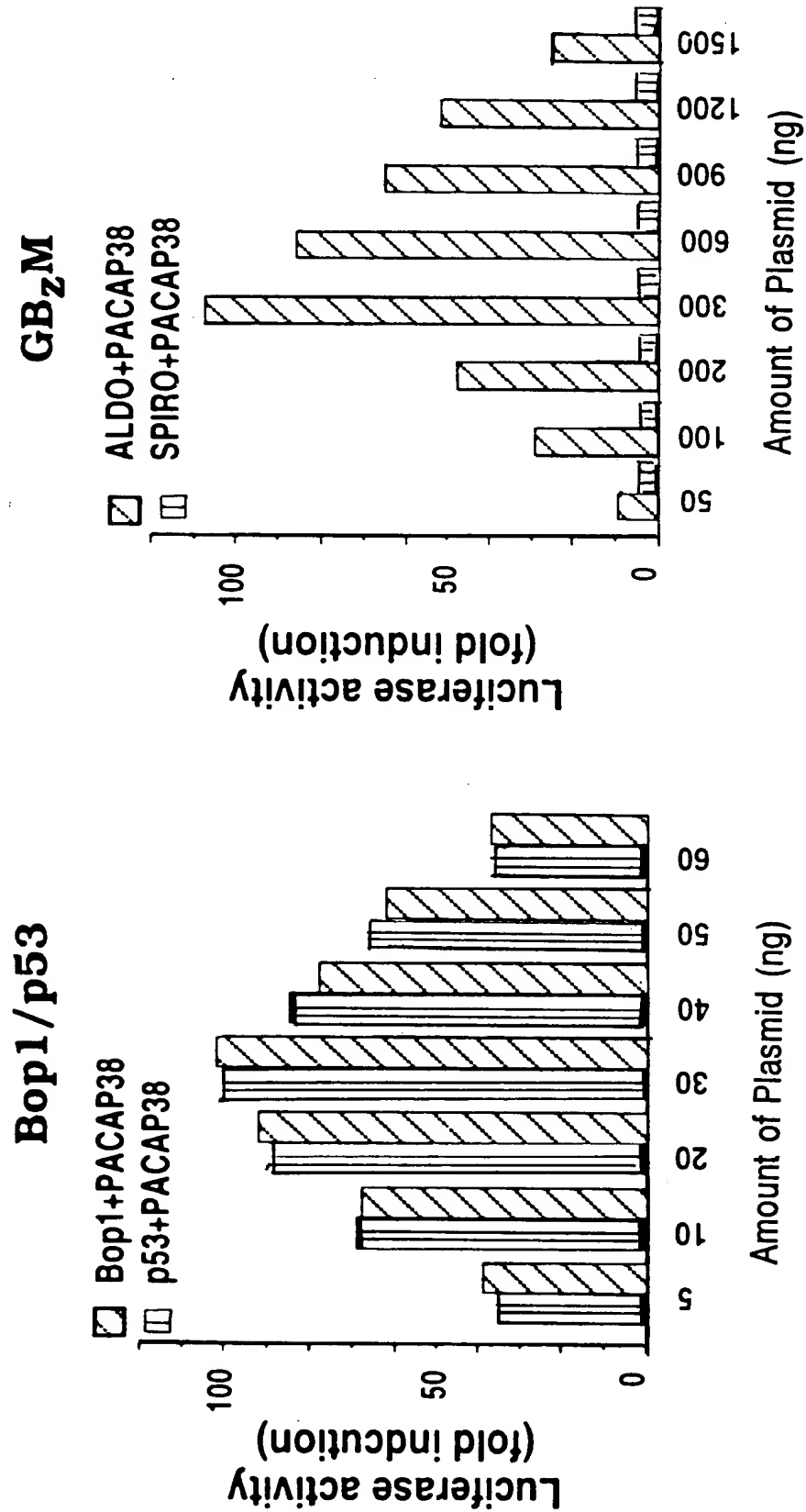
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FIGURE 6A

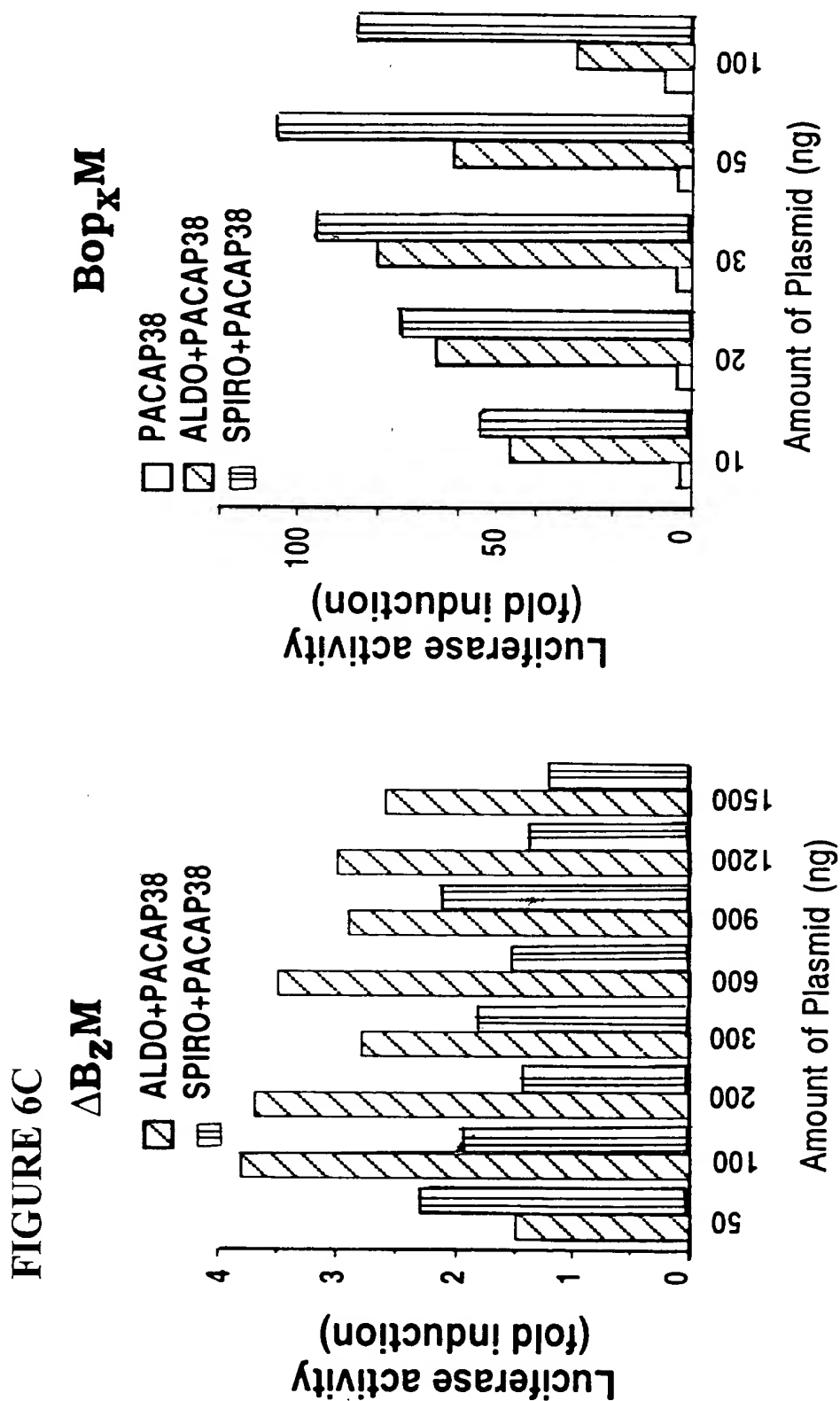


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FIGURE 6B



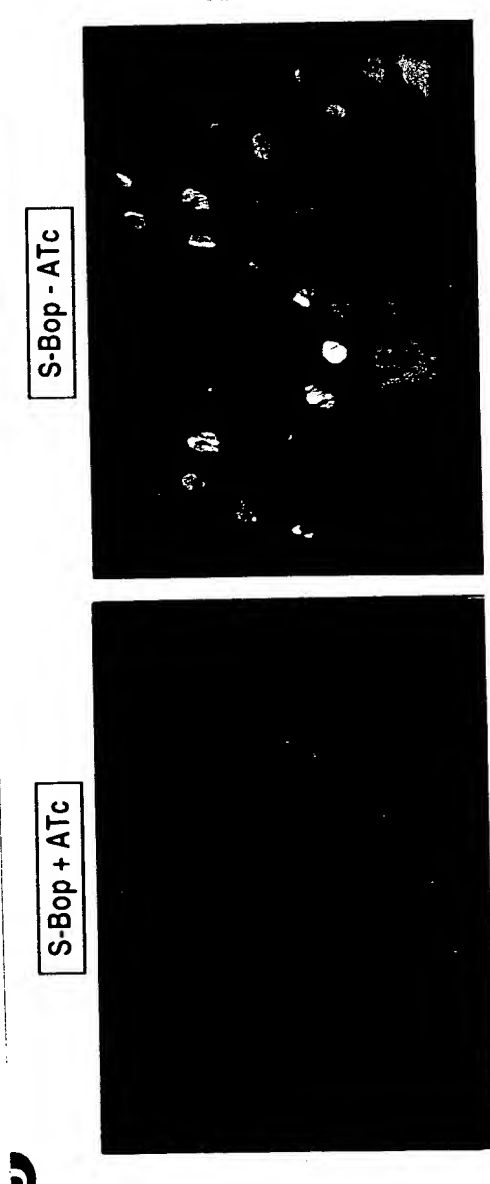
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FIGURE 6D



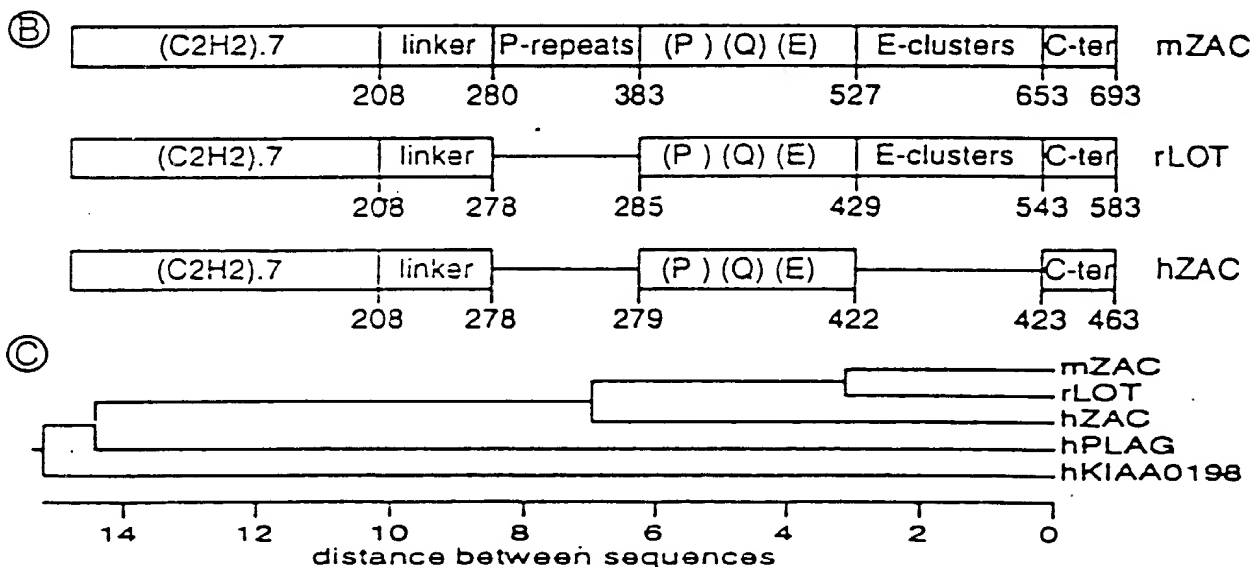
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FIGURE 7

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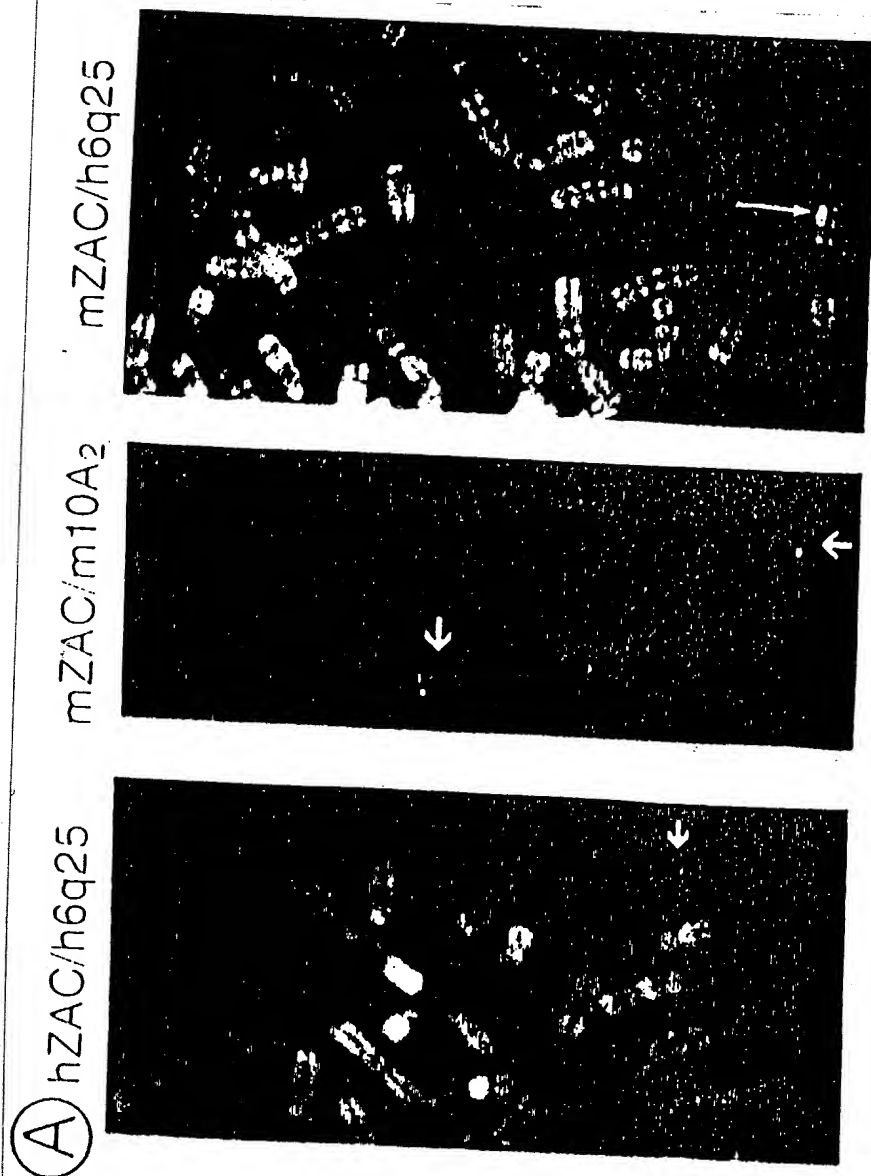
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1  MAFPRCQKCKGKSFVLEKFTIHNYSHTRERFKCSKTECCGKAFVSKYKLMRPMATHSPQKTHQCCTHCEKTFNRKDHLCQH rLOT
1  MAFPRCQKCKGKSFVLEKFTIHNYSHSRERFKCSKAECCGKAFVSKYKLMRPMATHSPQKSHQCCTHCEKTFNRKDHLCQH hZAC
31  LQTHDPNKLIAACDDCGKKYHIMZGYKRHLALHSASNGDLTCGVCTLELGSTEVLDDHLKSHAEERANQAPREKKYQCDH mZAC
31  LQTHDPNKLIAACDDCGKKYHIMZGYKRHLALHSASNGDLTCGVCTLELGSTEVLDDHLKSHAEERANQAPREKKYQCDH rLOT
31  LQTHDPNKLIAACDDCGKKYHIMZGYKRHLALHSASNGDLTCGVCTLELGSTEVLDDHLKSHAEERANQAPREKKYQCDH hZAC
161  CDRCFYTRKDVRRHLVVHTGCKDFLCQFCAQRFGRKDHLLTRHTKKTHSQELKCEMAGCQYQSNBQLIAPSTSFQIRVDP mZAC
161  CDRCFYTRKDVRRHLVVHTGCKDFLCQFCAQRFGRKDHLLTRHTKKTHSQELKCEMAGCQYQSNBQLIAPSTSFQIRVDP rLOT
161  CDRCFYTRKDVRRHLVVHTGCKDFLCQFCAQRFGRKDHLLTRHTKKTHSQELKCEMAGCQYQSNBQLIAPSTSFQIRVDP hZAC
241  MPPFQLGSLPENGDDGGLPPEVHCIVLAAPFEEBPQPMPLPLEPLEPLEPLEPLEPMQSLPLEQPLEPMQPLEPMQPLEPMQ mZAC
239  MPPFQLGSLPENGDDGGLPPEVHCIVLAAPFEEBPQPMPLPLEPLEPLEPLEPLEPMQSLPLEQPLEPMQPLEPMQPLEPMQ rLOT
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321  PLEPLEPLEPMQPLEPMQPLEPMQPMPLPMQPMQPMQPMQPMPLPMQPMQPMQPMQPMPLPMQPMQPMQPMQPMQPMQPMQ mZAC
276  -----LSMPPMQPM-----PEQPFTHLHGLVPSPP rLOT
279  -----LSMPPMQPM-----PESLASLHPSVSPGSPPE hZAC
401  IIDQEHKYNVPVTSYAFVCGMEVKADCRACFNGCFEEFPLQEPQAPLRFNCFEMPMGCFCKVITLSKELLVDAVNIATF mZAC
303  IIDQEHKYNVPVTSYAFVCGMEVKADCRACFNGCFEEFPLQEPQAPLRFNCFEMPMGCFCKVITLSKELLVDAVNIATF rLOT
297  B-LPNHKYNTTSTSYSLASLPLKADTGECNLSLEEDLPLQEPQAPLRFNCFEMPMGCFCKVITLSKELLVDAVNIATF hZAC
481  ASLETLSLLGFQWQLPPPTPQNGFVNSTFVPCGCEPLPHRIECLACQCPPLPPLPPLPPLPQLPPLPPLPPLPPLPPLP mZAC
383  ASLETLSLLGFQWQLPPPTPQNGFVNSTFVPCGCEPLPHRIECLACQCPPLPPLPPLPPLPQLPPLPPLPPLPPLPPLP rLOT
376  ASLETLSLLGFQWQLPPPTPQNGFVNSTFVPCGCEPLPHRIECLACQCPPLPPLPPLPPLPQLPPLPPLPPLPPLPPLP hZAC
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458  QIQPQMQLPQLLPQLPQPPQPPDPEPEPEPEPEPEPEPEPEPEPEPEPEPEPEPEPEPEPEPEPEPEPEPEPEPEPEPEPE rLOT
423  -----PEPEPEPEPEPEPEPEPEPEPEPEPEPEPEPEPEPEPEPEPEPEPEPEPEPEPEPEPE hZAC
641  EEEEEEESEPQPEEAQIRVSAVNLCQPEPLPPTPHIFTAGCAILPHFHHAFA mZAC
531  EEEEEEESEPQPEEAQIRVSAVNLCQPEPLPPTPHIFTAGCAILPHFHHAFA rLOT
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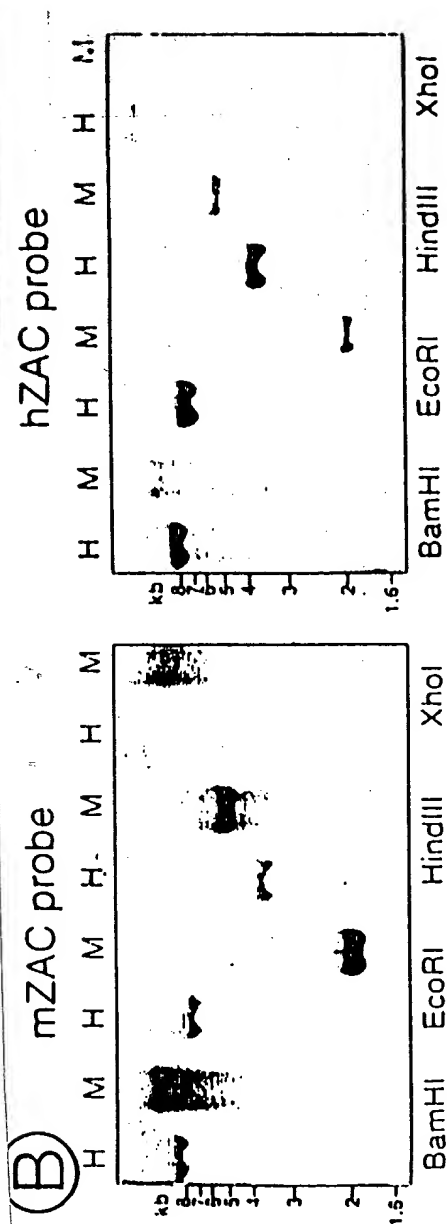
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FIGURE 8A



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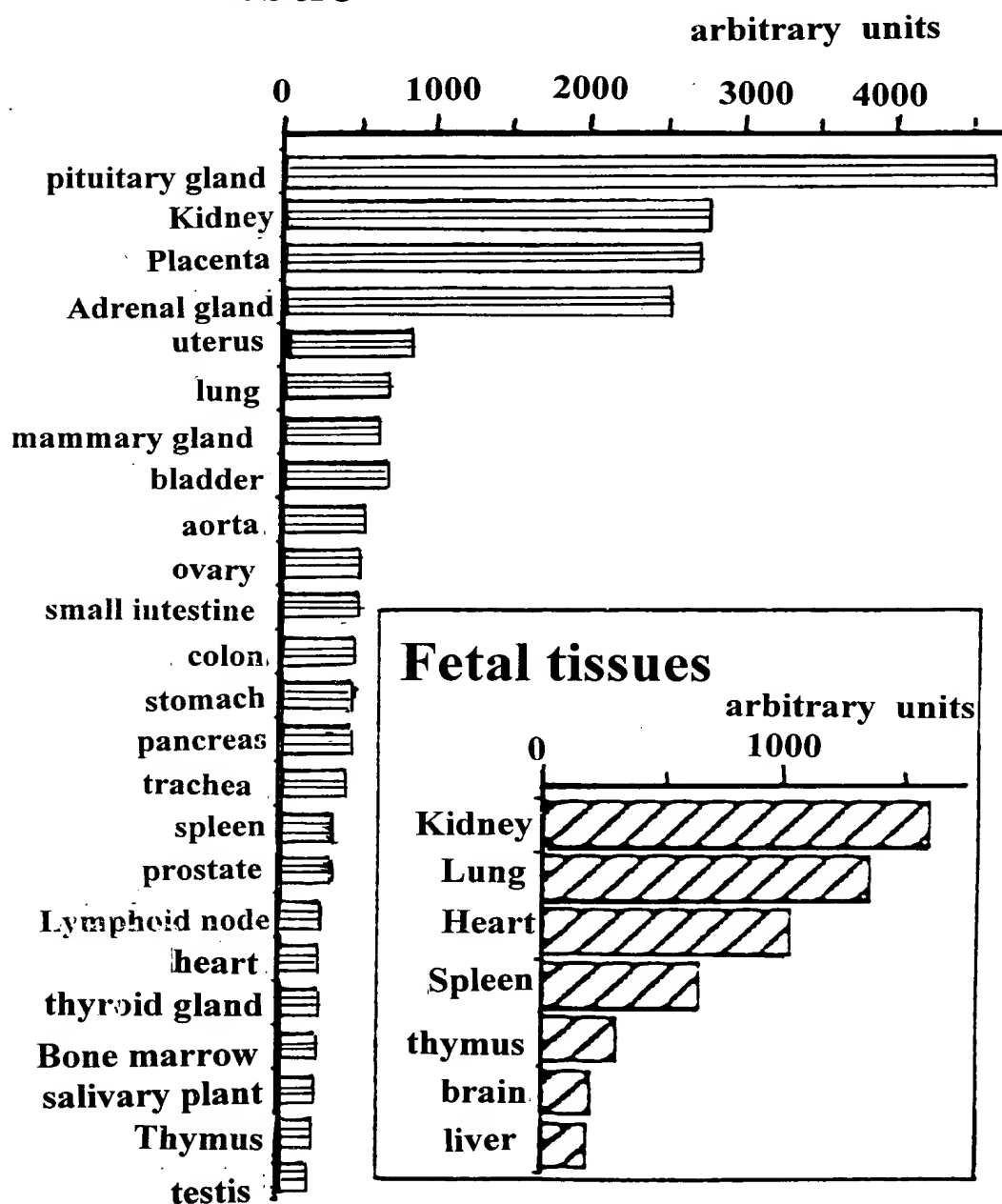
FIGURE 8B



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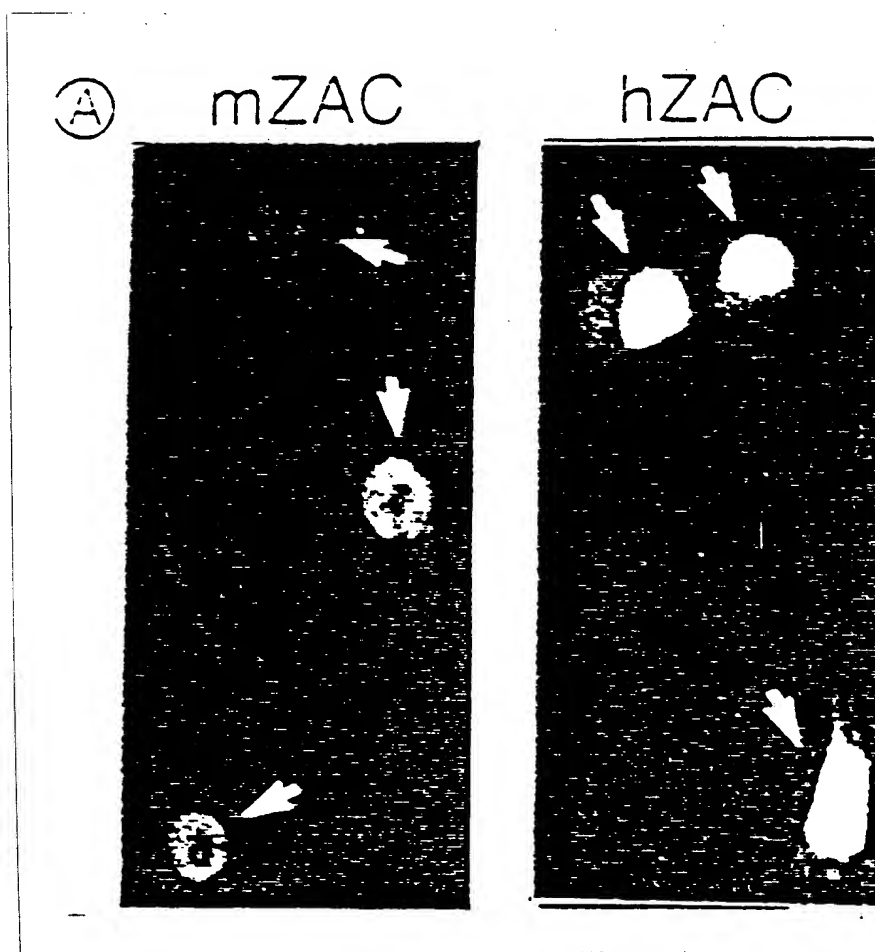
FIGURE 9

adult tissue



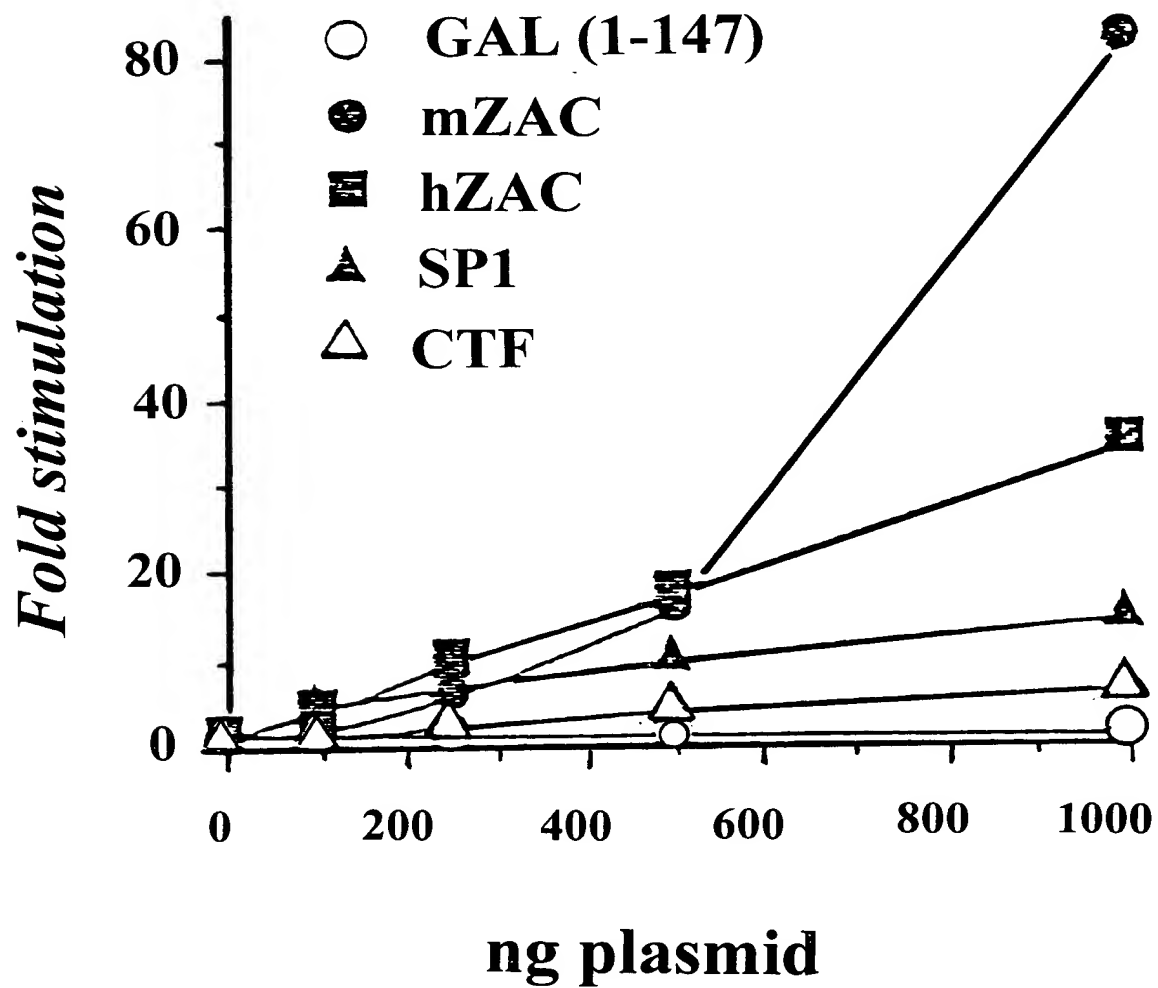
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FIGURE 10A



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FIGURE 10B



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FIGURE 11

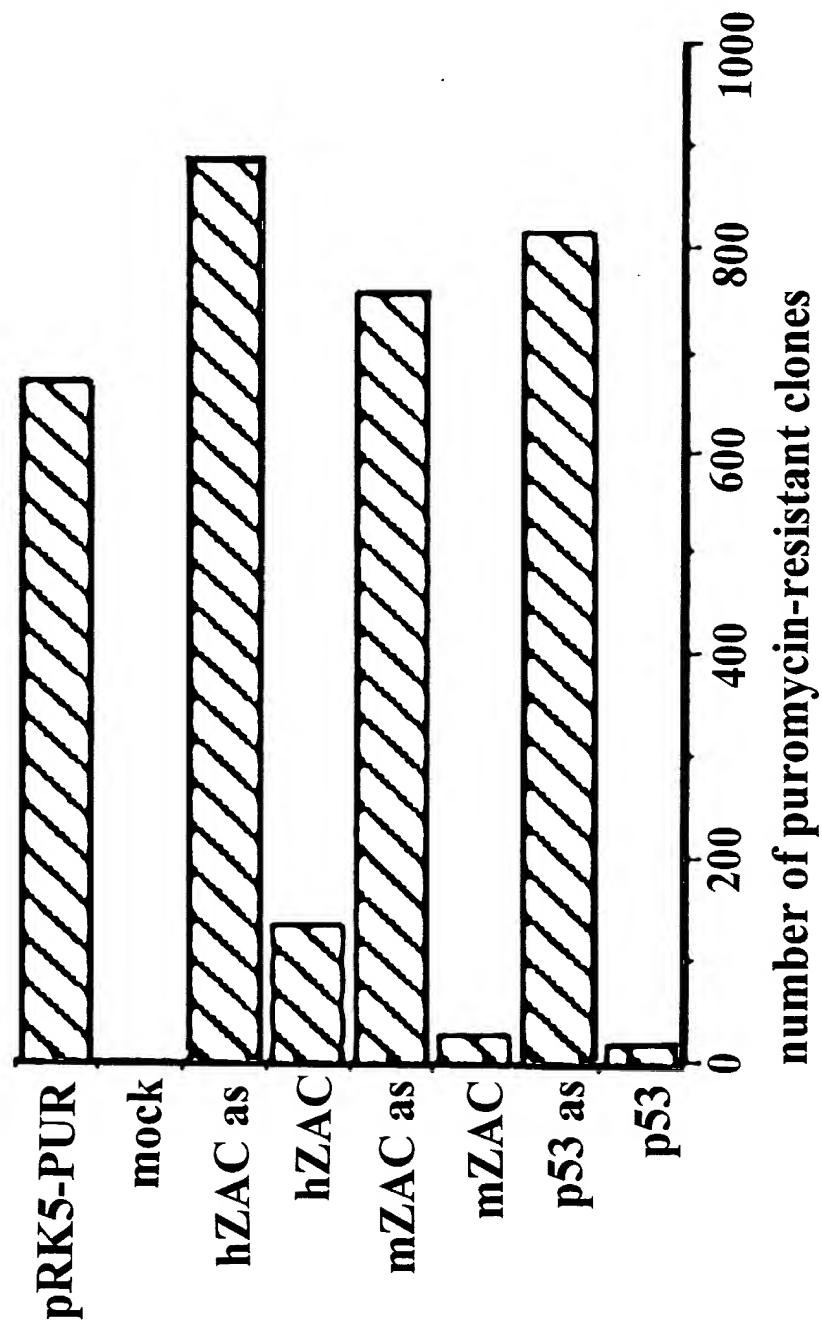
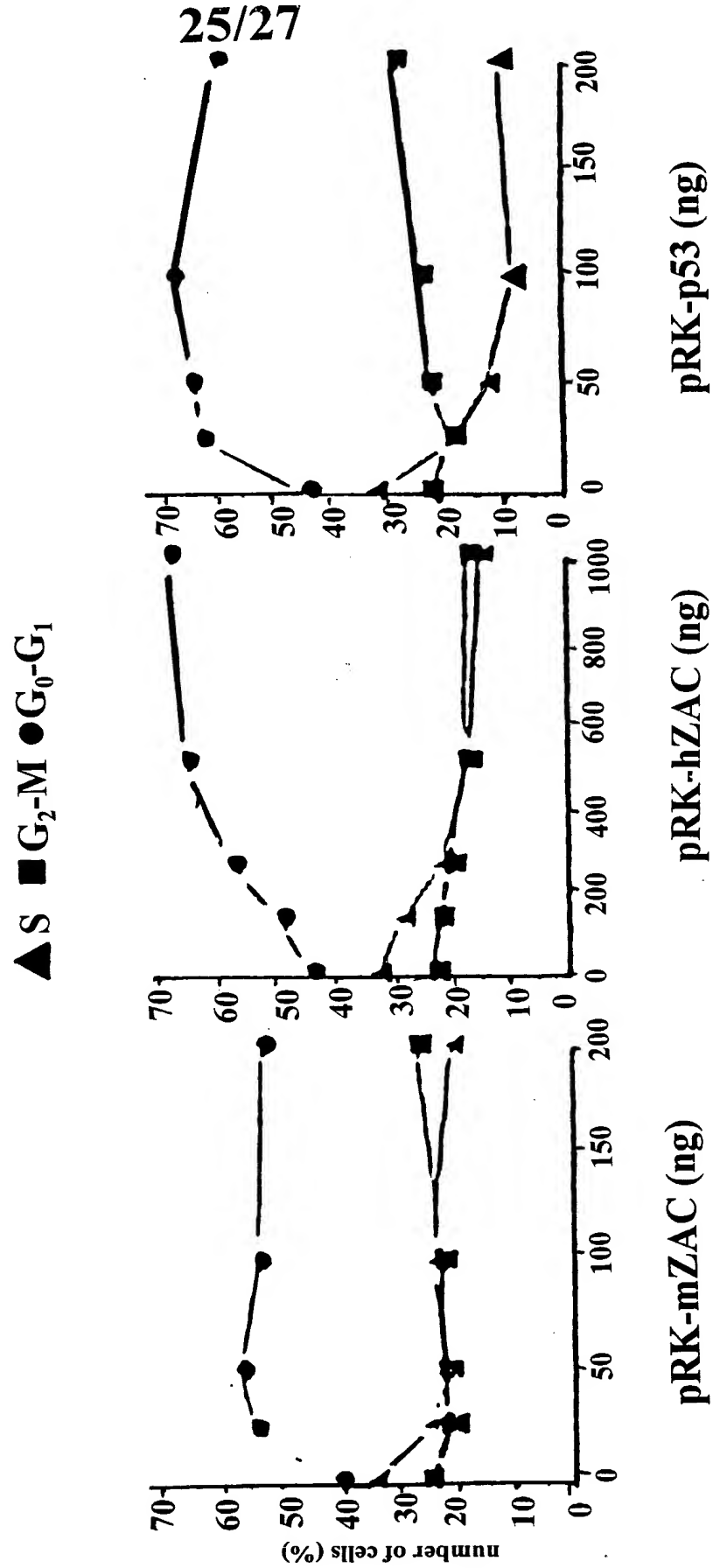
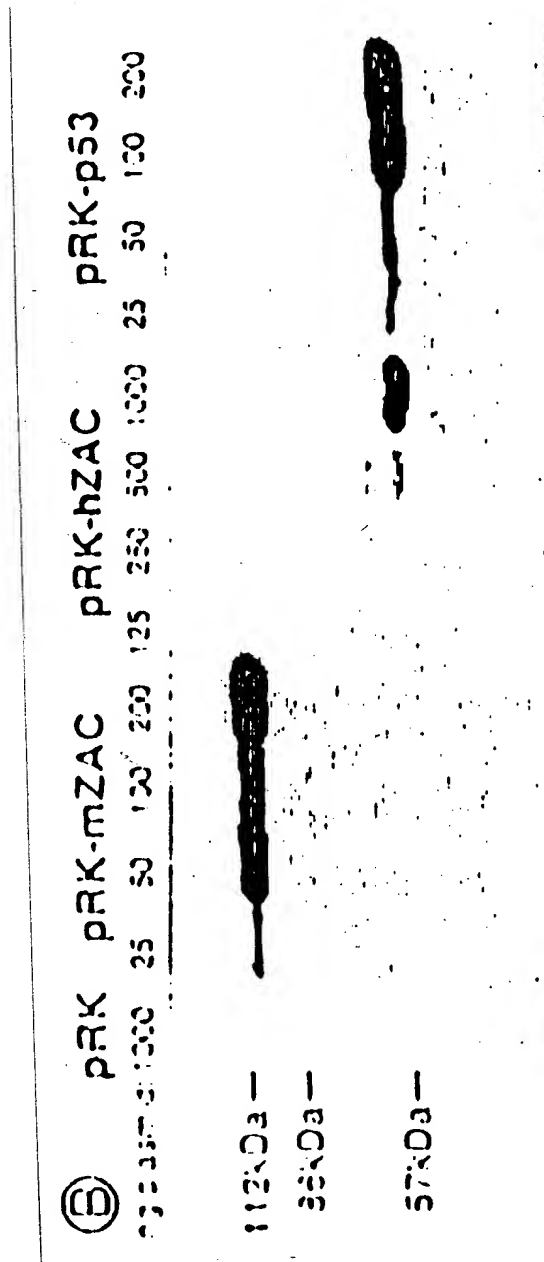


FIGURE 12A



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FIGURE 12B



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FIGURE 13

